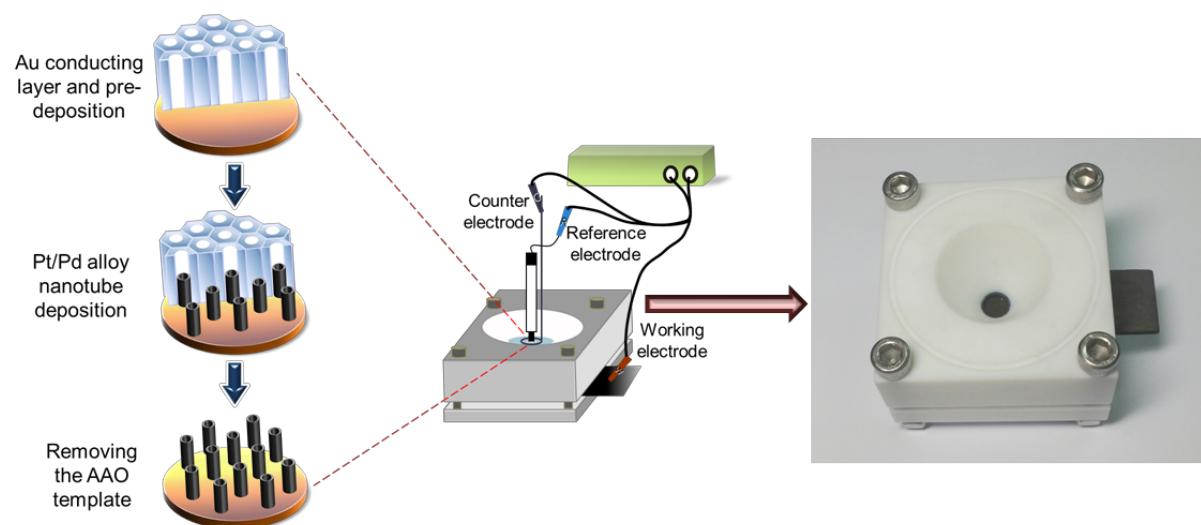


## Electronic Supplementary Material (ESI)

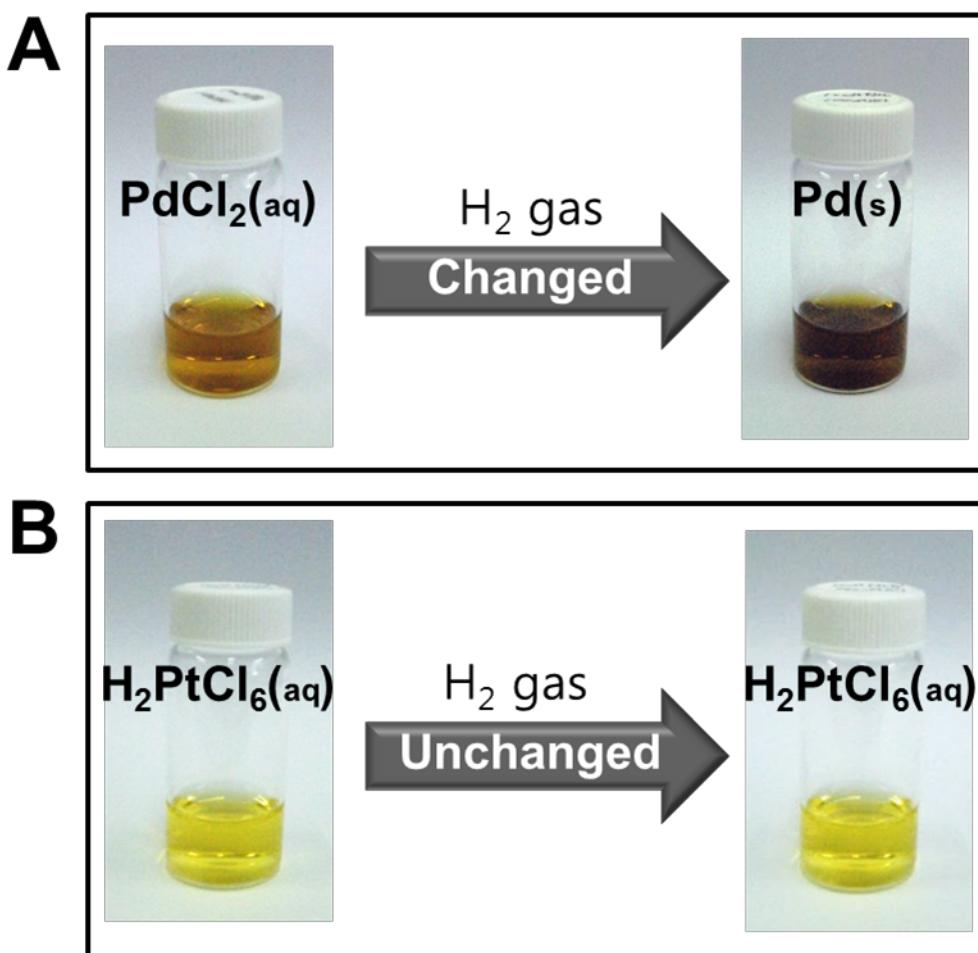
### Synthesis of Bimetallic Pt/Pd Nanotubes and their Enhanced Catalytic Activity in Methanol Electro-oxidation

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**Figure S1.** Photograph schematic illustration of the experimental procedure. At the right side is the real photographic image of Teflon cell



**Figure S2.** (A) Photograph images of 10 mM  $\text{PdCl}_2$  solution in 100 mM HCl. After  $\text{H}_2$  gas bubbling for 10 min, the color of solution changed from bright brown to dark brown. (B) Photograph images of 10 mM  $\text{H}_2\text{PtCl}_6$  solution in 100 mM HCl. Under the same reaction condition with A, there is no change of color of Pt solution.  $\text{H}_2$  gas was introduced from  $\text{H}_2$  (4%) + Ar mixture gas under 0.2 Mpa pressure for 10 min.